

FIG. 1

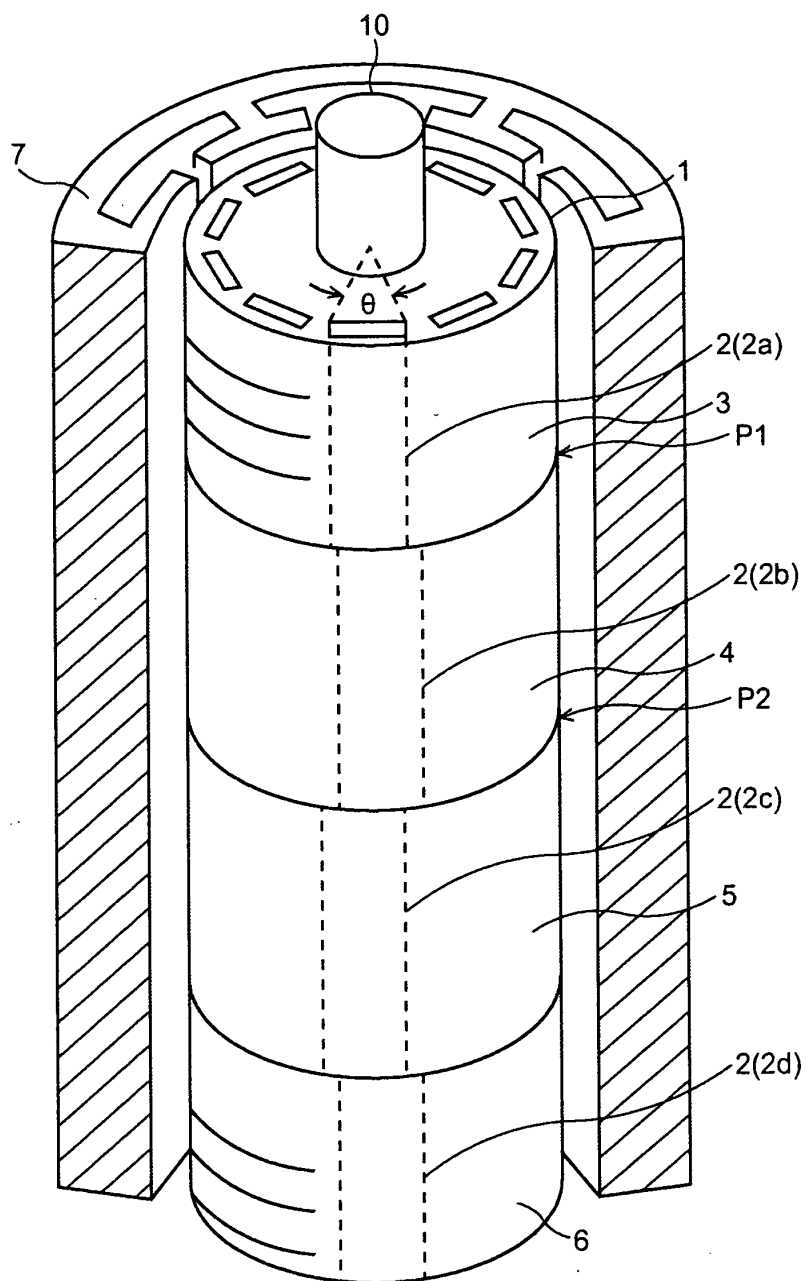


FIG. 2

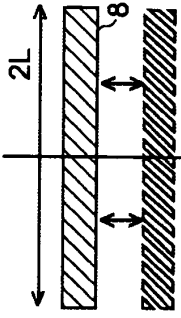
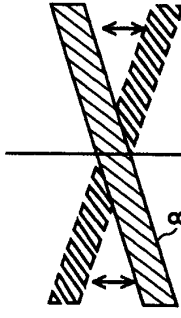
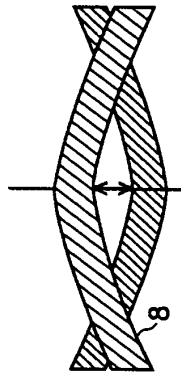
AXIAL DIRECTION MODE OF STSTOR CORE	DEGREE 0 $x=0$ 	DEGREE 1 $x=0$ 	DEGREE 2 $x=0$ 
ORTHOGONAL CONDITIONS OF ELECTROMAGNETIC EXCITING FORCE	$\int_{-L}^L F(x) dx = 0$	$\int_{-L}^L x F(x) dx = 0$	$F(-x) = F(x)$
ORTHOGONAL EXCITING FORCE CASE A			
CASE D			
CASE G			
CASE H			

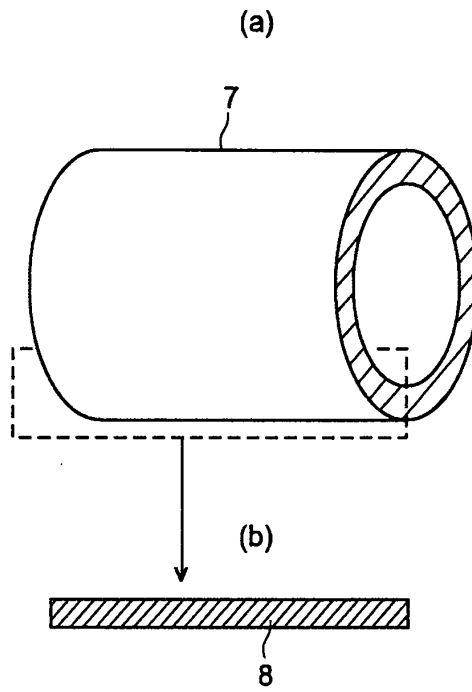
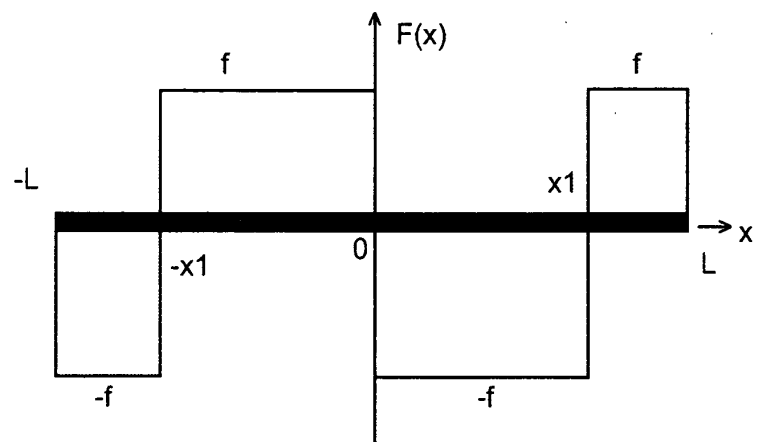
FIG. 3**FIG. 4**

FIG. 5

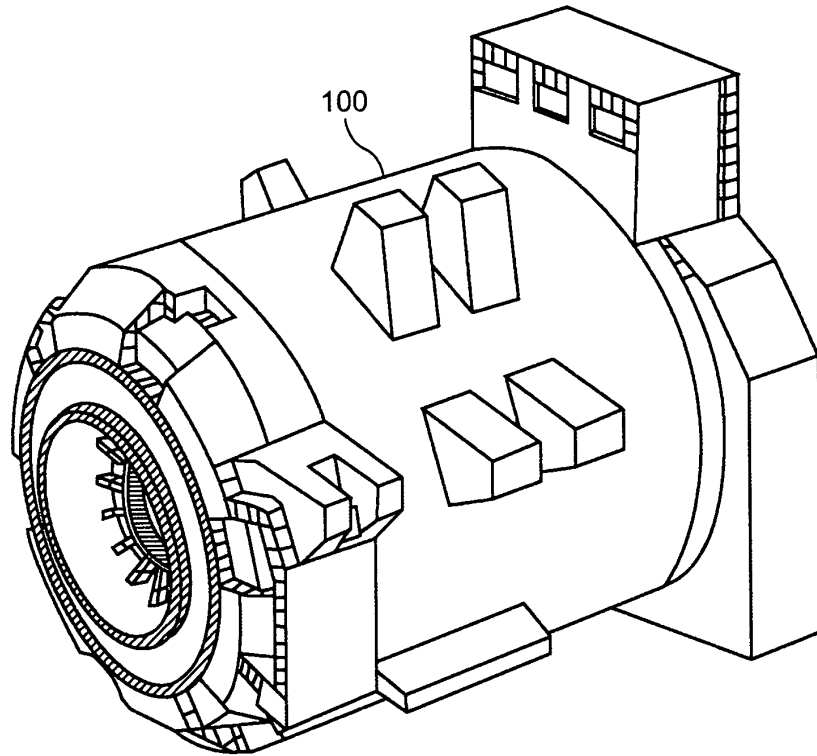


FIG. 6

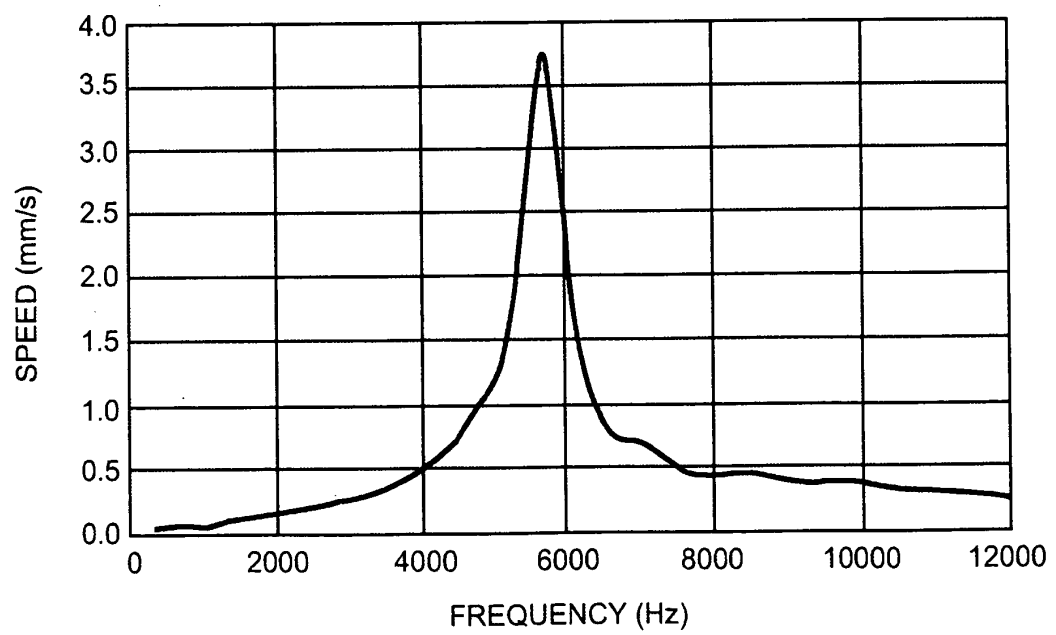


FIG. 7

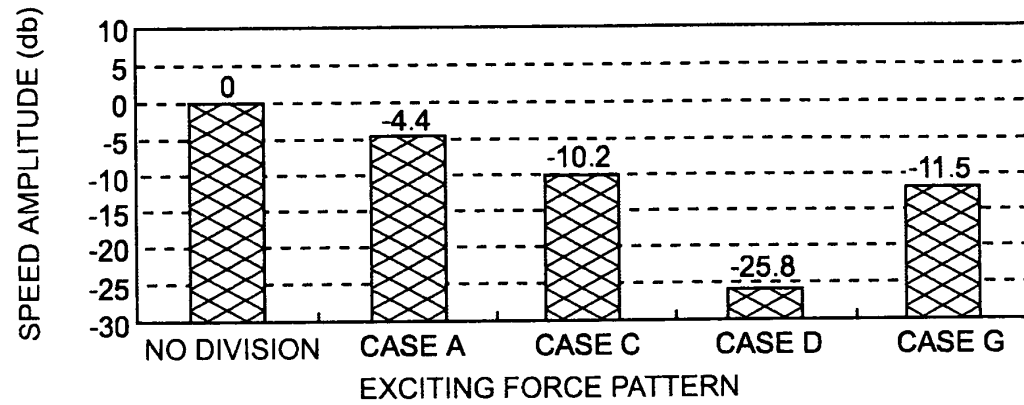


FIG. 8

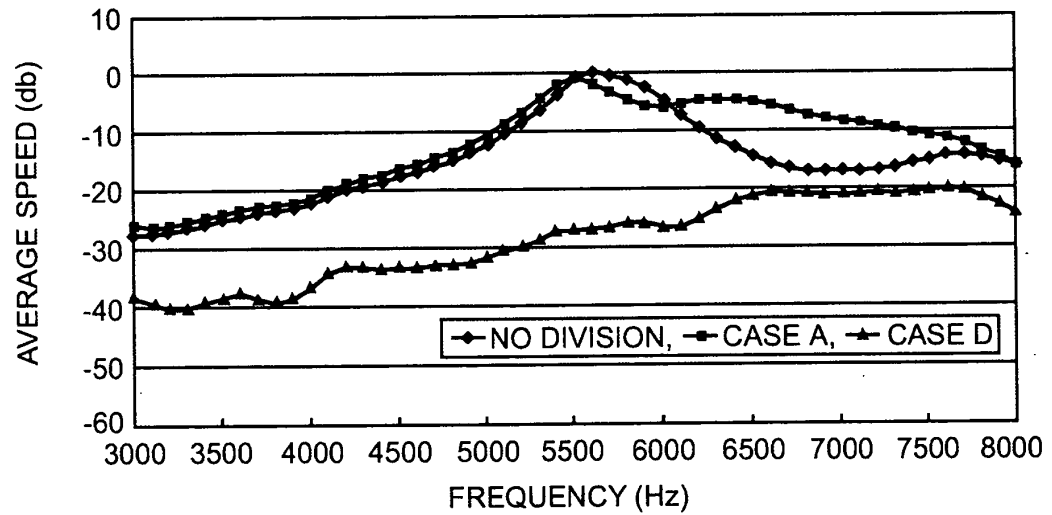


FIG. 12

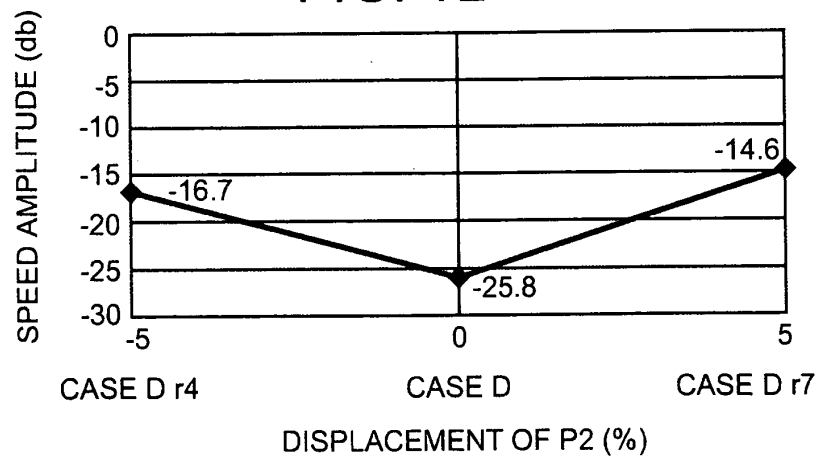
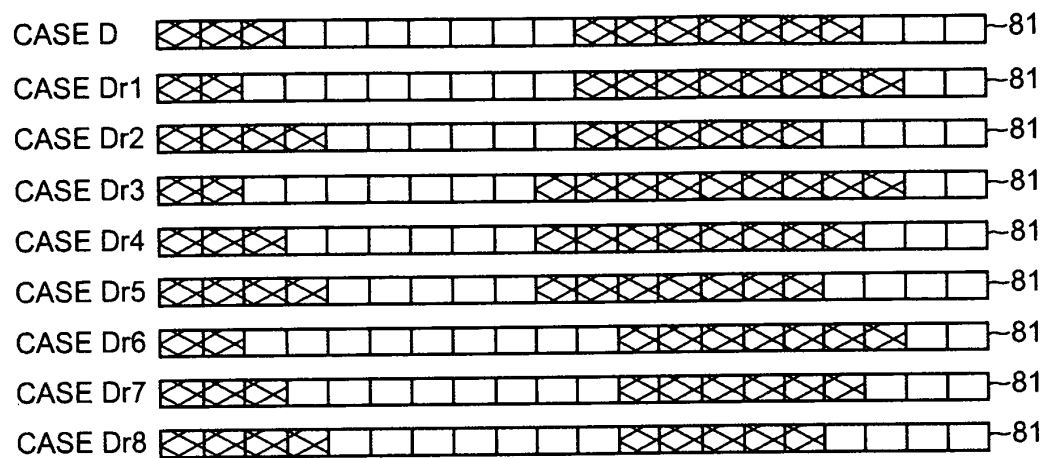


FIG. 9**EXCITING FORCE PATTERN**

NOTE:  PHASE DIFFERENCE 0
 AXIAL DIRECTION

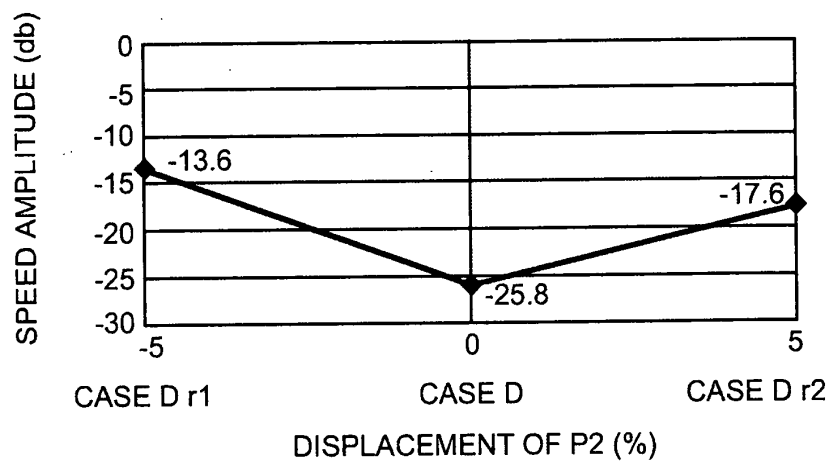
**FIG. 11**

FIG. 10

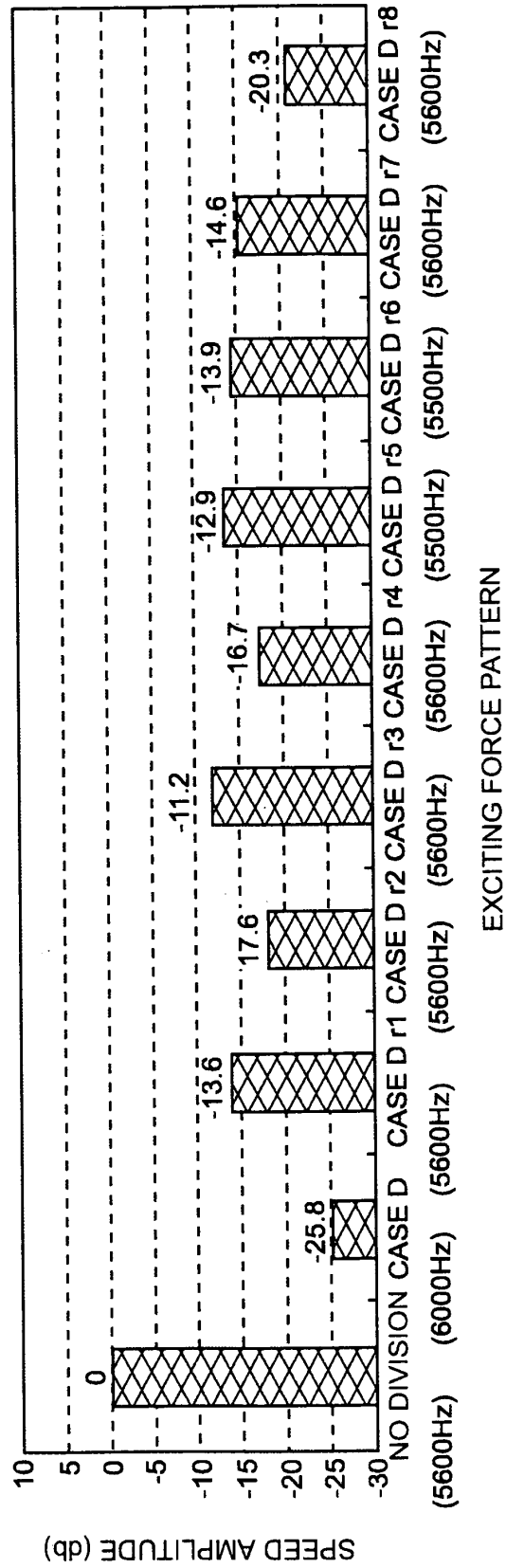


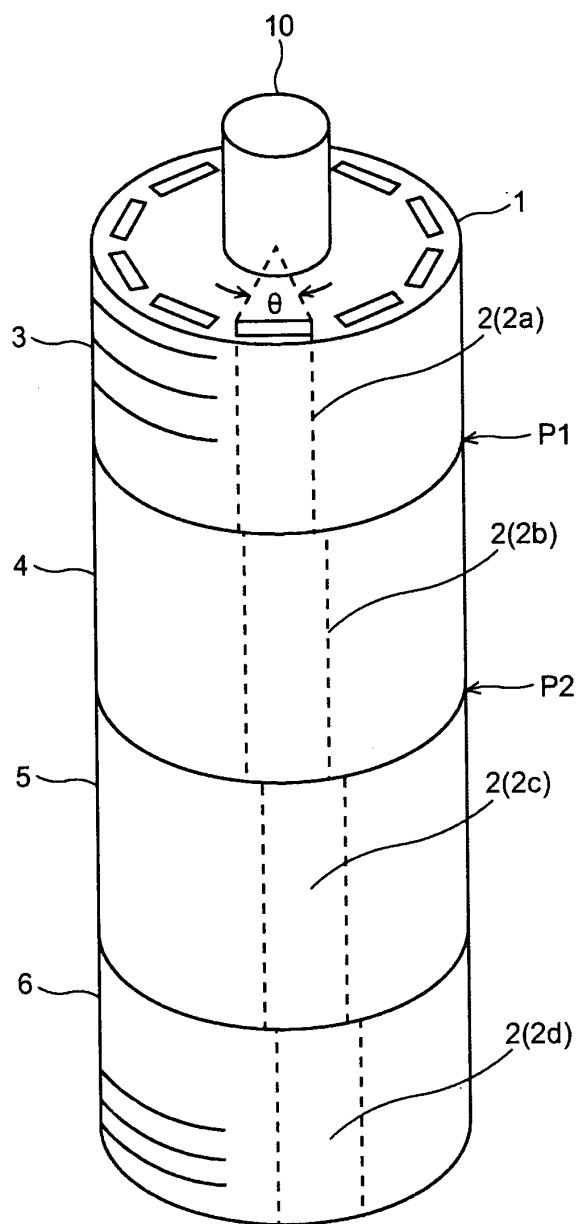
FIG. 13

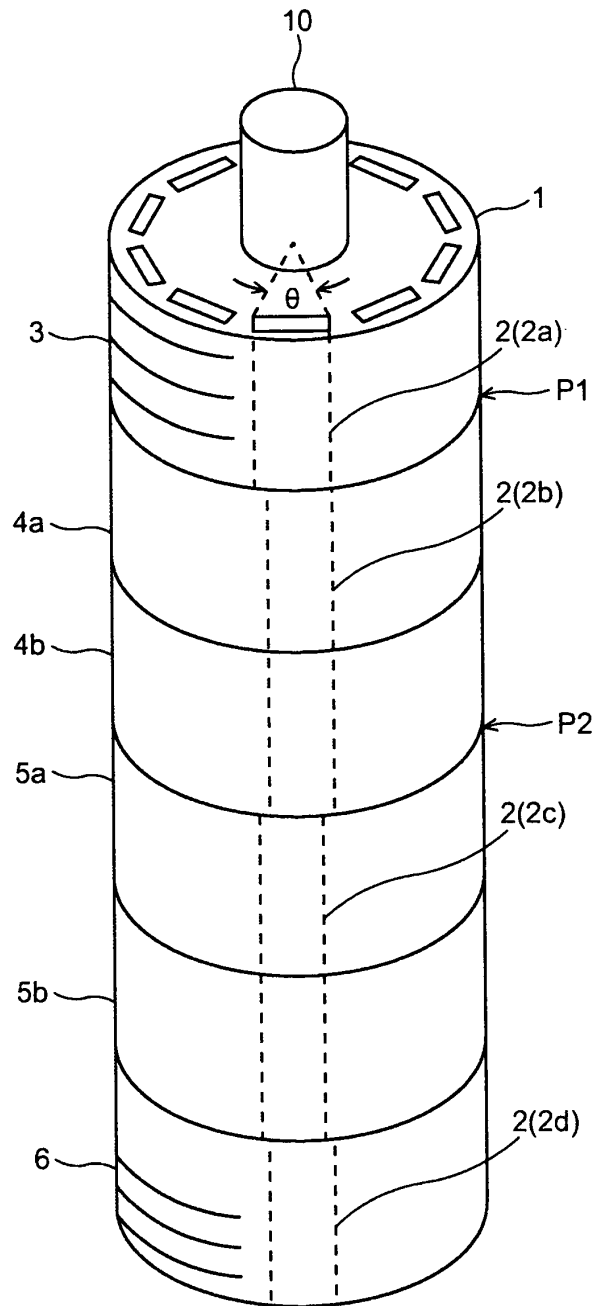
FIG. 14

FIG. 15

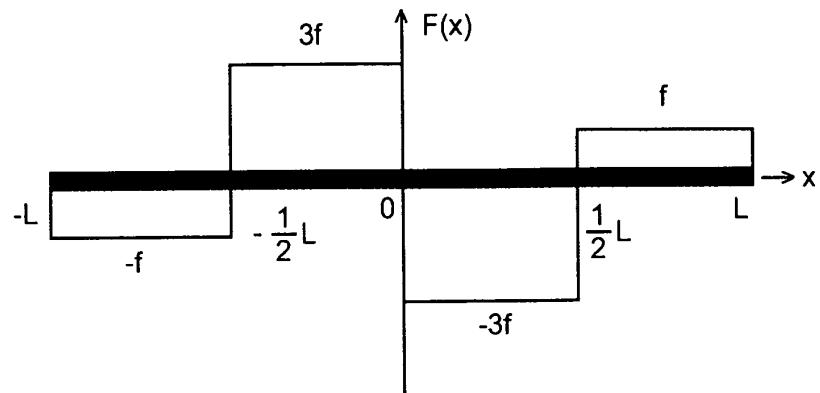


FIG. 16

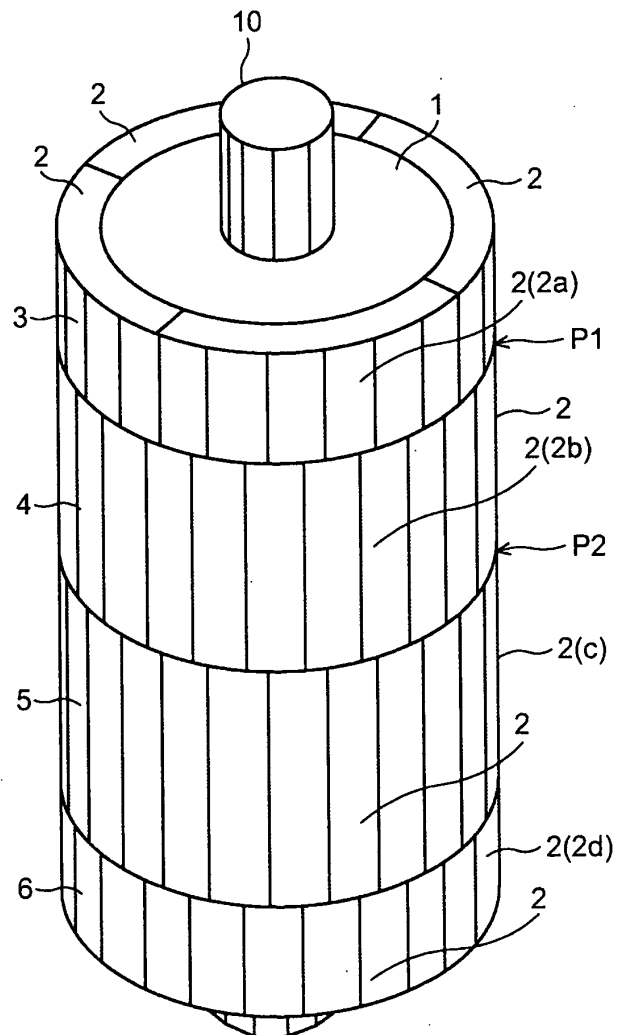


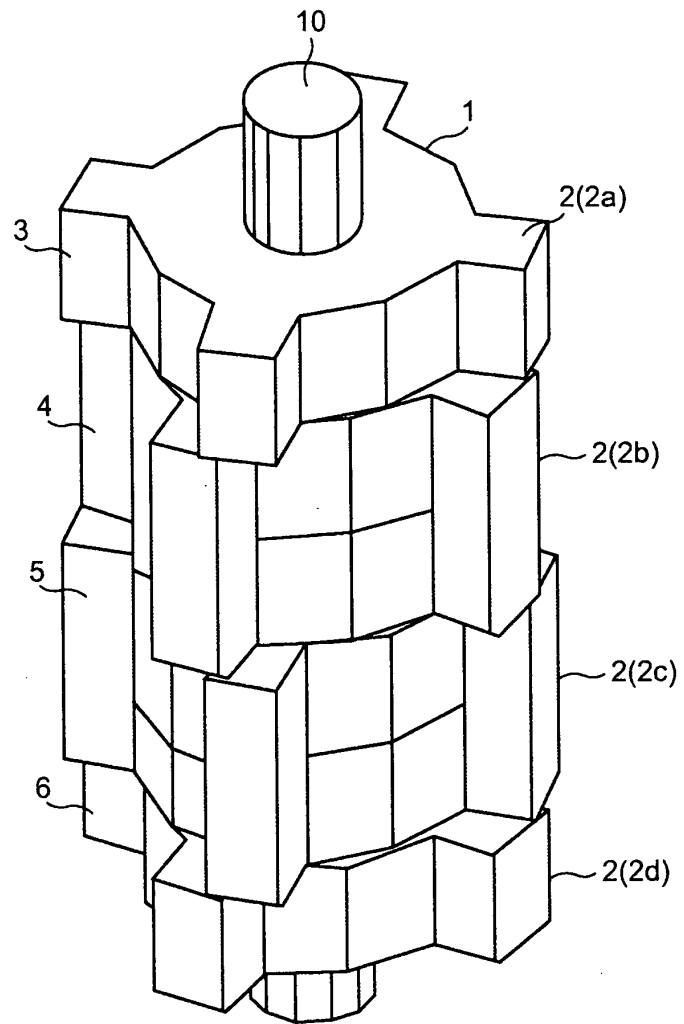
FIG. 17

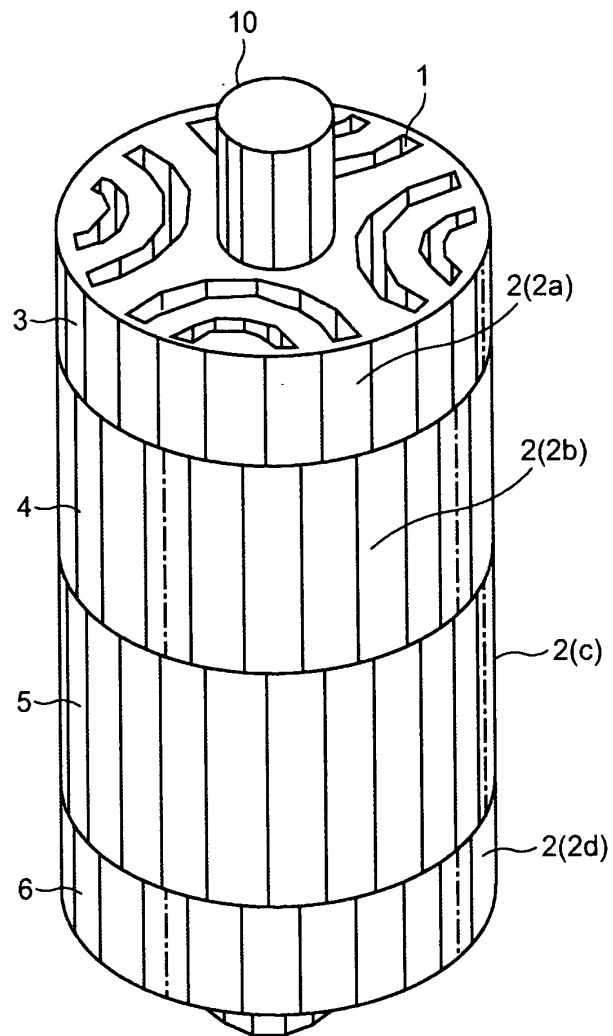
FIG. 18

FIG. 19

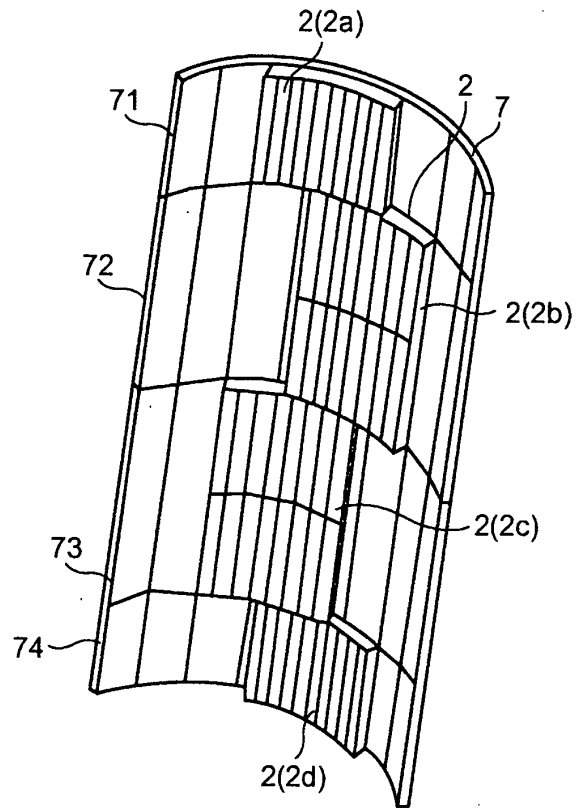


FIG. 20

